

**REMARKS/ARGUMENTS**

Claims 1-2 are currently pending in this application. Claims 1 and 2 stand rejected under § 103 as obvious over Oksala (U.S. Patent 6,477,151) in view of newly cited Goldman (U.S. Patent 6,016,322). The rejections are respectfully traversed.

The pending claims specify a method and apparatus for effectuating timing adjustments employing a Connect Frame Number (CFN). For example, claim 1 specifies:

receiving communication data from a BS within system time frames including a TA signal which include TA data **and a Connect Frame Number (CFN) specifying a specific frame for effectuating a timing adjustment;** and

adjusting the timing of uplink transmissions of the MT in response to TA data in the received TA signal **commencing in the time frame specified in the CFN of the received TA signal.**  
(emphasis added)

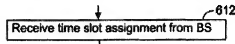
Oksala '151 is distinguishable since Oksala '151 only identifies a slot number within the frame structure in which a TAV (timing advance value) is to be transmitted. The Oksala TAV is equivalent to the TA data specified by the pending claims. Oksala '151 does not disclose or suggest transmitting a Connect Frame Number (CFN) with the TAV so that the timing adjustment is then implemented in a specific frame, i.e. the frame specified by the CFN. Oksala '151, col4, lines 10-17, cited by the Examiner, states:

at the base station subsystem, allocating to the mobile station a single timing advance index, which index identifies **one idle frame in a multiframe structure** in which the mobile station should

transmit a timing access burst to the base station subsystem and **one or more further idle frames in said multiframe structure** in which the base station subsystem should transmit an updated timing advance value to the mobile station;  
(emphasis added)

In Oksala '151, there is no communication between the stations as to a specific frame in which timing advance is implemented; there is only communication as to where in a frame structure TAVs are to be sent.

Goldman is now cited for teaching a CFN, in particular pointing to the assignment of a time slot at step 612 of Figure 6 of Goldman:



Goldman's reference to time slots is with respect to the time frame structure shown in Goldman Figures 4 and 5:

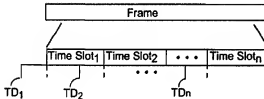


FIGURE 4

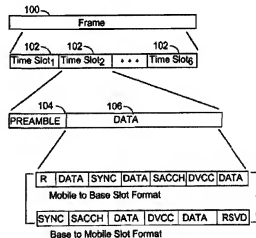


FIGURE 5

Time slot assignment does not suggest or disclose a specific time frame (CFN) in which to effectuate a timing advance as claimed. The timeslots referred to in Goldman occur in every timeframe. Simply assigning a timeslot does not teach a particular frame in which the timing advance is to occur and, accordingly, Goldman


fails to teach the claimed CFN. Withdrawal of the rejections of claims 1 and 2 over Oksala in view of Goldman is respectfully requested.

Applicants respectfully submit that the present application, including claims 1-2, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Stephen E. Terry

By

  
C. Frederick Koenig III  
Registration No. 29,662

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103  
Telephone: (215) 568-6400  
Facsimile: (215) 568-6499

CFK/djw